APPENDIX C

Detailed Comparison of Features

		-			parameters through platform services. (p-47, 6 through
		-		×	Centralized security management covers all database
					endpoints. (p-5, 8-14) (p-9, 6-9)
ŝ				×	Centralized host used to maintain, consolidate and
					error messages. (p-47, 6-23)
					values are within correct ranges. Invalid entries result in
				,	defined within the central data dictionary to ensure data
				-	update process. Data elements run through edit routines
				×	Data integrity checking on all database fields during
					4-11) (p-18, 26 through p-19, 25)
					records to those stored remotely. (p-3, 29- p-4, 12) (p-9,
				×	Provides centralized record collection linking local
					19-27) (p-8, 24 through p-9, 2)
	-				annuity, retirement account and benefit information. (p-3,
				×	Allows secure access to heath care, social security,
					information device. (p-61, 11-14)
					benefit and payment status using a single individual
	-				information, providing a unified view of an individual's
	-				security, annuity and retirement account and benefit
			•	×	System is extensible to provide secure access to social
				•	health-care value chain. (p-3, 19-23) (p-8, 13-28)
				×	Provides information integral to management of entire
					10-12) (p-17, 22 through p-18, 24)
					definitions and formats are supported. (p-3, 15-18) (p-8,
					firmware components and standardized medical codes,
	,			×	Open standards supported for hardware, software and
			-	×	system supports flexible configuration and access options. (p-3, 12-15)
Edeison/ Mayaud	ETTO	Pitroda	Cummings	Johnson	General Features
			,		

General Features	Johnson	Cummings	Pitroda	Ertel	Edelson
p-48, 3) (p-19, 27- p-20, 3)					
System provides immediate transfer of results and	×				
information among specialist service providers,					
11-17) (p-12, 6-101)					
Individual service recipient provided with an individual	×	Optional	×		
information device for information access and security. (p-4, 14-20)					
Individual information device stores insurance	×		×		
information, emergency records and critical health care					
history. (p-4, 14-20) (p-15, 25- p-16, 1)	\				
server. (p-4, 27- p-5, 1)	>				
Services can be authorized through access to the host	×	Claimed, but			
which can calculate costs of services as well as the		not designed.			
9, 19-23) (p-13, 12-29)					
System can be used to generate billing information and to	×	Payment			
electronically transfer funds from sources such as		claimed, but			
insurers, bank accounts and credit card accounts. (p-5, 28- p-6, 3) (p-9, 21-23) (p-13, 11-23)		not designed.			
Insurance carrier can be electronically billed and can	×				-
remit payment through electronic funds transfer to the					
service provider's account at a specified payment interval. (p-5, 28- p-6, 3) p-13, 19-23)					
Payment histories can be electronically transferred from	×				
the insurance carrier to the service provider on the network. (p-5, 30- p.6, 3) (p-13, 21-23)					
Charges to service recipient can be calculated and	×				
transmitted to the service recipient. (p-6, 2-3) (p-13, 25-29)			-		
On-line diagnostic services provided. (p-6, 5-6) (p-9, 26-	×	Claimed but	•		***
System can be integrated with statistical analysis	×				,
30 (marc) (p 0, 0 0) (p 0, 11, 10)					

General Features	Johnson	Cummings	Pitroda	Ertel	Edelson/ Mayaud
options. (p-20, 28- p-21,12)				,	
Plan information includes procedures, pharmaceuticals,	×	Limited. No			
service providers and plan components linked with		entry or			
payment and reimbursement information. (p-26, 18-21)		usage			
Effective date capabilities on plan changes. (p-26, 23-28)	×				
Batched update and copy features for plan change simplification. (p-26, 23-28)	×				
Automated notification of changes to all affected parties. (p-26, 25-28)	×	·			-
Reduce or eliminate the costs of publishing and	×				
distributing directories of caregiver information through					-
the automated notifications and on-line identification of providers. (p-21, 20-24)					
System provides marketing and enrollment support for care plans. (p-6, 21-24) (p-26, 30- p.27, 170)	×			•	
Update for plan/benefit database with plan sponsor information. (p-27, 21-30)	×				
Update for subscriber database, as linked to plan sponsor database. (p-27, 21-30)	×	"Insured file" limited. No			
		entry or access			
Update for service provider database, as linked to plan/benefit database. (p-27, 19-30)	×	"Physicians file". Just a note file.	·		
New or replacement individual information device can be requested for service recipient. (p-28, 2-4)	×				
Automated authorization of benefits. Multiple payment amounts calculated for multiple payers. Authorization	X	Authorization claimed but	÷		
record created with approval codes and payment amounts. (p-28, 4-27)		not designed.			
Authorization decline (due to plan parameters) transmits online decline message. Manual review procedures for exceptions, appeals and questions follows. (p-28, 23-	×	×			
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				×	Customized GUI formats can be configured to follow the standards for different specialties. (p-18, 1-7)
ŝ	claims for payment				
	(DRG) analysis in submitting				
	diagnosis				and episodes of care and other treatment information.
	Care record is only for			×	record including identification, emergency information
		card only.			history datastore. (p-38, 25-28)
		Can review records on		×	User can review patient health care history records stored on ICC and full records from subscriber/ medical
Edelson/ Hayaud	Ertel	Pitroda	Cummings	Johnson	Medical Service Provider features
					service participants. (p-38, 4-18)
					information in the construction of messages to other
					to access health care information, review procedures,
				X	User can query the AI medications/ procedures datastore
					37, 29- p-38,2)
					accounts or general health care information records. (n-
					IRS accounting, listing for health care reimbursement
				×	User can access health care information and use
					service participants within the system. (p-36, 15-23)
					with result, construct messages and requests to other
					plans and their options, coverage, service providers and
		-		×	User can use comparison form on computer to compare
					services coverage. (p-36, 9-23)
					payment/reimbursement ceilings and out-of-network
					approved procedures, pharmaceuticals, providers,
	•				enrollment or for ongoing review of plan parameters on
				×	User can access health plan information for open
					other service participants within the system. (p-35, 24- p-37, 21)
					changes, questions, options or appointment requests to
Edelson/ Mayaud	Ertel	Pitroda	Cummings	Johnson	General Features

General Features	Johnson	Cummings	Pitroda	Ertel	Edelson/ Mayaud
User can review plan parameters to define care optimization. (p-46, 18-23)	×				
Data integrity checking performed on all update fields.	×			Checking for	
(p-46, 25- p-48, 10)				loaded data records	
Security parameters controlled at host for all record updates. (p-47, 6 p-48, 10)	×				
Centralized expert data update limited to authorized agencies. (p-47, 25- p-48, 10)	×				
Automation of service payments, insurance claims	×				
Preparation of periodic accounting reports. (p-48, 16-19)	×				
Manual, adjustment, and automatic payment record updates. (p-48, 16- 49, 30)	×				
Automated billing of un-reimbured services. (p-48, 19-20)	×				
Communication features allow record attachment and	×	Calls for			
transmission to support issues, questions, exceptions, etc. with other participating entities. (p-49, 1-30)		optional e- mail, but			
		never defines			
Wedledle Coccess (Assumed 1997)		use.	#Pitroda w		MEdēlson/IMavaud)
formation catory agen					
Research queries available to support product	×				
development, public health, utilization and quality review, regulatory and compliance review, education, and					
scientific and health care research. (p-50, 9-15)					
Health care data can be provided for research, education	×				
and monitoring purposes by a wide array of agencies, institutions, research organizations and companies and are available for regulatory purposes. (p-52, 8- p-54, 4)					.
Queries are available for service providers and service recipients to research treatment options and develop	×				
support and information networks. (p-ou, 13-15)					_

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General Features	Johnson	Cummings	Pitroda	Ertel	Edelson/ Mayaud
Backup and restore capabilities built into system ensure data integrity and availability (n-55, 23- n-56, 1)	×				
Central features are designed into the platform and used	×				
for data structure updates and database record					
appending. Data management, such as data retention					_
parameters for records, is defined within the data				•	
dictionary fields. Central security features support the					Ţ
secure access and data integrity of all data, all users and					
all system and service processing. (p-55, 6- p-56,26)					
All security parameters defining access groups and	×				
identifying data availability for the access groups for each					
data field or value range within each field in each system					
database are under secure control through the security					
Controlling descent parameters apply to the entire	< 				
platform and define tiered use, pricing and billing	;				
relationships which can include nested parent/child entity					
definitions. (p-56, 28- p-57, 5)					
Update records are identified and applied to the central	×				-
records to support full auditability for all system records. (p-57, 7-10)					
A problem tracking system using electronic foldering	×				
capabilities is designed into the platform of shared	-		-		
services to manage all exceptions and dispute		•			
Customer service has dispute resolution features which	×				
include authorized security to update any file through					
appending an attached record to record under dispute.		•			
(p-57, 18- 29)					
Customer service central record can override an	×				
automated activity. (p-56, 28- p-58, 16)					i
System defines the core data elements, describes how	×				
the standardized codes and definitions are maintained in					
the common data dictionary, and defines the platform					

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